



INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)		Complete if Known					
		Application Number		10/528,684			
		Filing Date		May 9, 2005			
		First Named Inventor		Annette E. Fleckenstein			
		Group Art Unit		1614			
		Examiner Name		Weddington, K.E.			
U.S. PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name		Translation Yes/No	
NON-PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)					
/KW/	B1	Adams JD Jr, Chang ML, Klaidman L, "Parkinson's disease – redox mechanisms," <i>Curr. Med. Chem.</i> , 8:809-814 (2001)					
/KW/	B2	Albers DS and Sonsalla PK, "Methamphetamine-induced hyperthermia and dopaminergic neurotoxicity in mice: pharmacological profile of protective and nonprotective agents," <i>J Pharmacol Exp Ther.</i> , 275:1104-1114 (1995)					
/KW/	B3	Augustine, G.J., Burns, M.E., DeBello, W.M., Hilfiker, S., Morgan, J.R., Schweizer, F.E., Tokumaru, H., Umayahara, K., "Proteins involved in synaptic vesicle trafficking," <i>J. Physiol.</i> , 520:33-41 (1999)					
/KW/	B4	Beavo JA, Bechtel PJ, Krebs EG, "Activation of protein kinase by physiological concentrations of cyclic AMP," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 71:3580-3583 (1974)					
/KW/	B5	Bowyer JF, Davies DL, Schmued L, Broening HW, Newport GD, Slikker W, Holson RR, "Further studies of the role of hyperthermia in methamphetamine neurotoxicity," <i>J Pharmacol Exp Ther.</i> , 268:1571-1580 (1994)					
/KW/	B6	Bowyer J, Tank A, Newport G, Slikker W, Ali S, Holson R, "The influence of environmental temperature on the transient effects of methamphetamine on dopamine levels and dopamine release in rat striatum," <i>J. Pharmacol. Exp. Ther.</i> , 260:817-824 (1992)					
/KW/	B7	Brown JM, Hanson GR and Fleckenstein AE, "Regulation of the vesicular monoamine transporter-2: A Novel mechanism for cocaine and other psychostimulants," <i>J Pharmacol Exp Ther.</i> , 296:762-767 (2001)					
/KW/	B8	Brown JM, Hanson GR and Fleckenstein AE, "Cocaine-Induced increases in vesicular dopamine uptake: role of dopamine receptors," <i>J. Pharmacol Exp Ther.</i> , 298:1150-1153 (2001)					
/KW/	B9	Buening MK and Gibb JW, "Influence of methamphetamine and neuroleptic drugs on tyrosine hydroxylase activity," <i>Eur J Pharmacol.</i> , 26:30-34 (1974)					
/KW/	B10	Butcher SP, Liptrot J, Aburthnett GW, "Characterisation of methylphenidate and nomifensine induced dopamine release in rat striatum using in vivo brain microdialysis," <i>Neurosci. Lett.</i> , 122:245-248 (1991)					
/KW/	B11	Challman TD, Lipsky JJ, "Methylphenidate: its pharmacology and uses," <i>Mayo Clin. Proc.</i> , 75:711-721 (2000)					

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			Examiner Name	Weddington, K.E.
/KW/	B12	Chapin, D.S., Lookingland, K.J., Moore, K.E., "Effects of LC mobile phase composition on retention times for biogenic amines, and their precursors and metabolites," <i>Curr. Separations</i> , 7:68-70 (1986)		
/KW/	B13	Cohen G, "Monoamine oxidase and oxidative stress at dopaminergic synapses," <i>J. Neural. Transm. Suppl.</i> , 32:229-238 (1990)		
/KW/	B14	Cubells, J.F., Rayport, S., Rajendran, G., Sulzer, D, "Methamphetamine neurotoxicity involves vacuolation of endocytic organelles and dopamine-dependent intracellular oxidative stress," <i>J. Neuosci.</i> , 14:2260-2271 (1994).		
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/KW/	B16	Erickson JD, Eiden LE, Hoffman BJ, "Expression cloning of a reserpine-sensitive vesicular monoamine transporter," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 89:10993-10997 (1992)		
/KW/	B17	Fahn S, Cohen G, "The oxidant stress hypothesis in Parkinson's disease: evidence supporting it," <i>Ann. Neurol.</i> , 32:804-812 (1992)		
/KW/	B18	Fleckenstein AE, Gibb JW and Hanson GR, "Differential effects of stimulants on monoaminergic transporters: pharmacological consequences and implications for neurotoxicity," <i>Eur J Pharmacol.</i> , 406:1-13 (2000)		
/KW/	B19	Fleckenstein AE, Metzger RR, Wilkins DG, Gibb JW and Hanson GR, "Rapid and reversible effects of methamphetamine on dopamine transporters," <i>J Pharmacol Exp Ther</i> , 282:834-838 (1997)		
/KW/	B20	Fleckenstein AE, Wilkins DG, Gibb JW, Hanson GR, "Interaction between hyperthermia in the 5-hydroxytryptaminergic response to a single methamphetamine administration," <i>J Pharmacol Exp Ther</i> , 283:281-285 (1997)		
/KW/	B21	Fumagalli F, Gainetdinov RR, Wang YM, Valenzano KJ, Miller GW, Caron MG, "Increased methamphetamine neurotoxicity in heterozygous vesicular monoamine transporter 2 knock-out mice," <i>J Neurosci.</i> , 19:2424-2431 (1999)		
/KW/	B22	Graham DG, Tiffany SM, Bell WR Jr, Gutknecht WF, "Autoxidation versus covalent binding of quinones as the mechanism of toxicity of dopamine, 6-hydroxydopamine, and related compounds toward C1300 neuroblastoma cells in vitro," <i>Mol Pharmacol</i> , 14:644-653 (1978)		
/KW/	B23	Hastings TG, "Enzymatic oxidation of dopamine: the role of prostaglandin H synthase," <i>J Neurochem</i> , 64:919-924 (1995)		
/KW/	B24	Hogan KA, Staal RG, Sonsalla PK, "Analysis of VMAT2 binding after methamphetamine or MPTP treatment: disparity between homogenates and vesicle preparations," <i>J Neurochem</i> , 74:2217-2220 (2000)		
/KW/	B25	Hotchkiss AJ, Morgan ME and Gibb JW, "The long-term effects of multiple doses of methamphetamine on neostriatal tryptophan hydroxylase, tyrosine hydroxylase, choline acetyltransferase and glutamate decarboxylase activities," <i>Life Sci</i> , 25:1373-1378 (1979)		

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			Weddington, K.E.
/KW/	B26	Insel TR, Battaglia G, Johannessen JN, Marra S and De Souza EB, "3,4-Methylenedioxymethamphetamine ("ecstasy") selectively destroys brain serotonin terminals in rhesus monkeys," <i>J Pharmacol Exp Ther</i> , 249:713-720 (1989)	
/KW/	B27	Iwata, S., Hewlett, G.H., Ferrell, S.T., Czernik, A.J., Meiri, K.F., Gney, M.E., "Increased in vivo phosphorylation state of neuromodulin and synapsin I in striatum from rats treated with repeated amphetamine," <i>J. Pharmacol. Exp. Ther.</i> , 278:1428-1434 (1996)	
/KW/	B28	Iwata, S., Hewlett, G.H., Gney, M.E., "Amphetamine increases the phosphorylation of neuromodulin and synapsin I in rat striatal synaptosomes," <i>Synapse</i> , 26:281-291 (1997)	
/KW/	B29	Izenwasser S, Coy AE, Ladenheim B, Loeloff RJ, Cadet JL, French D, "Chronic methylphenidate alters locomotor activity and dopamine transporters differently from cocaine," <i>Eur. J. Pharmacol.</i> , 373:187-193 (1999)	
/KW/	B30	Johnston LD, O'Malley PM and Bachman JG, "'Ecstasy' use rises sharply among teens in 2000; use of many other drugs steady, but significant declines are reported for some," <i>University of Michigan News and Information Services</i> , Ann Arbor, MI, [On-line], Available: www.monitoringthefuture.org ; accessed 06/08/01, (2000)	
/KW/	B31	Johnson M, Letter AA, Merchant K, Hanson GR and Gibb JW, "Effects of 3,4-methylenedioxymphetamine and 3,4-methylenedioxymethamphetamine isomers on central serotonergic, dopaminergic and nigral neurotensin systems of the rat," <i>J Pharmacol Exp Ther</i> , 244:977-982 (1988)	
/KW/	B32	Kadota K and Kadota T, "Isolation of coated vesicles, plain synaptic vesicles, and flocculent material from a crude synaptosome fraction of guinea pig whole brain," <i>J Cell Biol</i> , 58:135-151 (1973)	
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/KW/	B35	LaVoie MJ and Hastings TG, "Dopamine quinone formation and protein modification associated with the striatal neurotoxicity of methamphetamine: evidence against a role for extracellular dopamine. <i>J. Neurosci</i> , 19(4):1484-1491 (1999)	
/KW/	B36	LaVoie, M.J., Hastings, T.G., "Peroxynitrite- and nitrite-induced oxidation of dopamine: implications for nitric oxide in dopaminergic cell loss," <i>J. Neurochem.</i> , 73:2546-2554 (1999)	
/KW/	B37	Lowry OH, Rosebrough NJ, Farr AL and Randall RJ, "Protein measurement with the folin phenol reagent," <i>J Biol Chem</i> , 193:265-275 (1951)	
/KW/	B38	Maker HS, Weiss C, Silides DJ, Cohen G, "Coupling of dopamine oxidation (monoamine oxidase activity) to glutathione oxidation via the generation of hydrogen peroxide in rat brain homogenates," <i>J Neurochem</i> , 36:589-593 (1981)	
/KW/	B39	Metzger RR, Hanson GR, Gibb JW and Fleckenstein AE, "3,4-Methylenedioxymethamphetamine-induced acute changes in dopamine transporter function," <i>Eur J Pharmacol</i> , 349:205-210 (1998)	

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			Examiner Name	Weddington, K.E.
/KW/	B40	Morgan ME and Gibb JW, "Short-term and long-term effects of methamphetamine on biogenic amine metabolism in extra-striatal dopaminergic nuclei," <i>Neuropharmacology</i> , 19:989-995 (1980)		
/KW/	B41	Nirenberg MJ, Chan J, Liu Y, Edwards RG and Pickel VM, "Vesicular Monoamine Transporter-2: immunogold localization in striatal axons and terminals," <i>Synapse</i> , 26:194-196 (1997)		
/KW/	B42	Pan D, Galley SJ, Dewey SL, Chen R, Alexoff DA, Ding Y, Fowler JS, "Binding of bromine-substituted analogs of methylphenidate to monoamine transporters," <i>Eur. J. Pharmacol.</i> , 264:177-182 (1994)		
/KW/	B43	Pincus HA, Wise T, First MB, "Diagnostic and Statistical Manual of Mental Disorders," <i>Primary Care Version, Fourth edition</i> , Washington, DC, American Psychiatric Association, 182-184 (1995)		
/KW/	B44	Schmidt CJ, Gibb JW, "Role of the dopamine uptake carrier in the neurochemical response to methamphetamine: effects of amfonelic acid," <i>Eur. J. Pharmacol.</i> , 109:73-80 (1985a)		
/KW/	B45	Schmidt CJ, Ritter JK, Sonsalla PK, Hanson GR, Gibb JW, "Role of dopamine in the neurotoxic effects of methamphetamine," <i>J. Pharmacol. Exp. Ther.</i> , 233:539-544 (1985b)		
/KW/	B46	Seiden LS, Fischman MW and Schuster CR, "Long-term methamphetamine induced changes in brain catecholamines in tolerant rhesus monkeys," <i>Drug Alcohol Depend.</i> , 1:215-219 (1976)		
/KW/	B47	Stoop JC, Kebabian JW, "Opposing roles for D-1 and D-2 dopamine receptors in efflux of cyclic AMP from rat neostriatum," <i>Nature</i> , 294:366-368 (1981)		
/KW/	B48	Sulzer D, Chen TK, Lau YY, Kristensen H, Rayport S, Ewing A, "Amphetamine redistributes dopamine from synaptic vesicles to the cytosol and promotes reverse transport," <i>J Neurosci</i> , 15:4102-4108 (1995)		
/KW/	B49	Teng L, Crooks PA, Dwoskin LP, "Lobeline displaces [³ H]dihydrotetraabenazine binding and releases [³ H]dopamine from rat striatal synaptic vesicles: comparison with d-amphetamine," <i>J. Neurochem.</i> , 71:258-265 (1998)		
/KW/	B50	Vaccari A, Saba P, "The tyramine-labelled vesicular transporter for dopamine: a putative target of pesticides and neurotoxins," <i>Eur. J. Pharmacol.</i> , 292:309-314 (1995)		
/KW/	B51	Vallar L, Meldolesi J, "Mechanisms of signal transduction at the dopamine D2 receptor," <i>Trends Pharmacol. Sci.</i> , 10:74-77 (1989)		
/KW/	B52	Villemagne V, Yuan J, Wong DF, Dannals RF, Hatzidimitriou G, Mathews WB, Ravert HT, Musachio J, McCann UD, Ricaurte GA, "Brain dopamine neurotoxicity in baboons treated with doses of methamphetamine comparable to those recreationally abused by humans: evidence from [11C]WIN-35,428 positron emission tomography studies and direct in vitro determinations," <i>J Neurosci</i> , 18:419-427 (1998)		
/KW/	B53	Wagner GC, Lucot JB, Schuster CR, Seiden LS, "Alpha-methyltyrosine attenuates and reserpine increases methamphetamine-induced neuronal changes," <i>Brain Res.</i> , 270:285-288 (1983)		

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			Group Art Unit	1614
			Examiner Name	Weddington, K.E.
/KW/	B54	Wilson, J.M., Kalasinsky, K.S., Levey, A.I., Bergeron, C., Reiber, G., Anthony, R.M., Schmunk, G.A., Shannak, K., Haycock, J.W., Kish, S.J., "Striatal dopamine nerve terminal markers in human, chronic methamphetamine users," <i>Nat. Med.</i> , 2:699-703 (1996a)		
/KW/	B55	Wilson, J.M., Levey, A.I., Bergeron, C., Kalasinsky, K., Ang, L., Peretti, F., Adams, V.I., Smialek, J., Anderson, W.R., Shannak, K., Deck, J., Niznik, H.B., Kish, S.J., "Striatal dopamine, dopamine transporter, and vesicular monoamine transporter in chronic cocaine users," <i>Ann Neurol.</i> , 40:428-439 (1996b)		
/KW/	B56	Wilson, J.M., Kish, S.J., "The vesicular monoamine transporter, in contrast to the dopamine transporter, is not altered by chronic cocaine self-administration in the rat," <i>J. Neurosci.</i> , 16:3507-3510 (1996)		
/KW/	B57	Zuddas A, Ancilletta B, Muglia P, Cianchetti C, "Attention-deficit/hyperactivity disorder: a neuropsychiatric disorder with childhood onset," <i>Eur. J. Paediatr. Neurol.</i> , 4:53-62 (2000)		

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10/528684

ATTORNEY DOCKET NO. 21101.0031U3

APPLICATION NO. to be assigned

SHEET 1 OF 1

JC12 Rec'd PCT/PTC 21 MAR 2005

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)				Complete if Known			
				Intl. Application No.		PCT/US2003/029668	
				Intl. Filing Date		19 September 2003	
				First Named Inventor		Fleckenstein	
				Group Art Unit		To be assigned	
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U.S. PATENT DOCUMENTS							
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/KW/	A1	Database HCAPLUS on STN, No. 134:25018, Departments of Pharmacology and Psychiatry, University of Toronto, (Toronto, CA), "Antihyperactivity medication: Methylphenidae and amphetamine", Molecular Psychiatry, 3(5), pp. 386-396, 1998.					
/KW/	A2	Database HCAPLUS on STN, No. 128:266213, Molecular Neurobiology Branch, NIH (Baltimore, MD), "Parkinsonian patients report blunted subjective effects of methylphenidate", Experimental and Clinical Psychopharmacology, 6(1), pp. 54-63, 1998.					
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